

# UVICHEM 1218



**UVICHEM 1218 is a UV-curing paint for urethane foam films that mainly consists of UV-curing oligomer and monomer. It features outstanding adhesiveness, scratch resistance, and crack resistance.**

Usage

UV-curable paint for urethane foam

## Specification

Paint type	UV-curable paint		
Product features	1. UV-curing coating agent featuring low yellowing effect 2. After curing, it offers outstanding elasticity due to its flexible film as well as superior scratch resistance. 3. Eco-friendly paint featuring outstanding adhesiveness for plastics, rubber, PVC surface, etc.		
Exterior	Semi-transparent liquid	UV-curing conditions	300 - 400 mJ/cm <sup>2</sup>
Specific gravity (25 °C)	1.18 ± 0.05	Viscosity (PO/30 °C)	2000 - 3000
Coverage (g/m <sup>2</sup> )	5 - 10	Solid content (%)	Above 99
Color	Transparent	Shelf life	12 months
Mixing ratio	One-component	Thinner	No dilution

## How to Use

Surface treatment	1. Substrate processing Completely remove oil, moisture, sand, dust and foreign substances from the surface. Remove dust and static electricity using an air shower and an ionizer if necessary. Residual contaminants may result in defective film exterior and adhesion.
Coating Method	Coating method Paint using a roll coater or gravure coater. There may be deviations in the application amount and gloss depending on working conditions (roll speed, work site temperature). Avoid flammables during and after painting and perform sufficient ventilation.  Drying method Dry it by passing it through a UV lamp. 700 mJ/cm <sup>2</sup> or above recommended. There may be deviations in drying and gloss depending on the light intensity of a UV lamp.

► This data sheet is based on the test results and knowledge that NOROO produced or possesses, and may change without notice for quality improvement.